$\frac{e_c(T_j)}{e_c(T_j)} = \frac{X(T_j) * \dot{E}_c(T_j)}{e_c(T_j)} * \frac{n_j}{e_c(T_j)}$

Calculate $e_c(T_i)/N$ in Equation 4.1-1 using, Equation 4.1.2-3